

**Table 6.3 – Combined-Heat-and-Power Plant Net Summer Capability**

(Gigawatts)

	<u>1980</u>	<u>1990</u>	<u>2000</u>	<u>2001</u>	<u>2002</u>	<u>2003</u>	<u>2010</u>	<u>2020</u>	<u>2025</u>
Coal <sup>2</sup>	NA	2.4	5.0	4.6	5.2	5.7	5.1	5.0	5.0
Petroleum/Natural Gas <sup>3</sup>	NA	8.3	21.9	22.5	30.8	31.5	39.7	39.7	39.7
Total Fossil Energy	NA	10.7	26.9	27.1	36.1	37.2	44.8	44.7	44.7
Nuclear	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hydroelectric Pumped Storage	NA	NA	NA	NA	NA	NA	NA	NA	NA
Conventional Hydroelectric	NA	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Geothermal	NA	0.0	0.0	0.0	0.0	0.0	0.00	0.00	0.00
Wood <sup>4</sup>	NA	0.2	0.2	0.1	0.1	0.2	0.00	0.00	0.00
Waste <sup>5</sup>	NA	0.2	0.5	0.4	0.4	0.4	0.00	0.00	0.00
Solar Thermal and Photovoltaic	NA	NA	NA	NA	NA	NA	0.00	0.00	0.00
Wind	NA	0.0	0.0	0.3	0.0	0.0	NA	NA	NA
Total Renewable Energy	NA	0.5	0.7	0.8	0.6	0.6	0.3	0.3	0.3
Other	NA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total Electric Capability <sup>6</sup>	NA	11.2	27.7	27.9	36.6	37.8	45.1	45.0	45.0

**Sources:** EIA, *Annual Energy Outlook 2005* DOE/EIA-0383 (2005) (Washington, D.C., February 2005), Tables A9, A16; EIA, *Annual Energy Review 2003*, DOE/EIA-0384(2003) (Washington, D.C., September 2004), Table 8.11c.

**Notes:**

Includes combined-heat-and-power (CHP) plants whose primary business is to sell electricity and heat to the public. For 1989-2001, does not include electric utility CHP plants—these are included in "Electricity-Only Plant Capability " in Table 6.2. Also includes commercial and industrial CHP and a small number of commercial electricity-only plants.

<sup>1</sup> Anthracite, bituminous coal, subbituminous coal, lignite, waste coal, and synthetic coal.

<sup>2</sup> Petroleum, natural gas, distillate fuel oil, residual fuel oil, petroleum coke, jet fuel, kerosene, other petroleum, waste oil, supplemental gaseous fuels, blast furnace gas, propane gas, and other manufactured and waste gases derived from fossil fuels. Includes natural gas fired distributed generation.

<sup>3</sup> Pumped storage included in Conventional Hydro prior to 1989.

<sup>4</sup> Wood, black liquor, and other wood waste. Includes projections for energy crops after 2010. Includes other biomass in projections.

<sup>5</sup> Municipal solid waste, landfill gas, sludge waste, tires, agricultural byproducts, and other biomass. Waste included in Wood prior to 1985.

<sup>6</sup> Includes batteries, chemicals, hydrogen, pitch, sulfur, purchased steam, fuel cells, and miscellaneous technologies.

NA = Not Available